

"Express Mail" Label No. EV 330 858 555 US
Date of Deposit 12-16-03

PATENT
Attorney Docket No.: 018512-001420US

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By: Karen Karlin

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Timothy J. Jegla

Application No.: Not yet assigned

Filed: Herewith

For: KV6.2, A VOLTAGE-GATED
POTASSIUM CHANNEL SUBUNIT

Examiner: Not yet assigned

Art Unit: Not yet assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98**

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/719,919, filed February 22, 2001 (Attorney Docket No. 018512-001410US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Annette S. Parent
Reg. No. 42,058

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
ASP:kk
60097157 v1

| | | | | | |
|--|---|----|---|--------------------------|-------------------|
| Substitute for form 1449B/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | Not yet assigned |
| (use as many sheets as necessary) | | | | Filing Date | Herewith |
| Sheet | 2 | of | 2 | First Named Inventor | Jegla, Timothy J. |
| | | | | Art Unit | Not yet assigned |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | 018512-001420US |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|--|-----------------------|--|--|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | T ² |
| | AC | Drewe, et al. "Distinct Spatial and Temporal Expression Patterns of K ⁺ Channel mRNAs from Different Subfamilies" <i>J. of Neuroscience</i> (February 1992) Vol. 12(2), pp. 538-548. | | |
| | AD | Peale, et al. "Multiplex Display Polymerase Chain Reaction Amplifies and Resolves Related Sequences Sharing a Single Moderately Conserved Domain" <i>Analytical Biochemistry</i> (1998) Vol. 256, pp. 158-168. | | |
| | AE | Du, et al., "The K ⁺ Channel, Kv2.1, is Apposed to Astrocytic Processes and is Associated with Inhibitory Postsynaptic Membranes in Hippocampal and Cortical Principal Neurons and Inhibitory Interneurons," <i>Neuroscience</i> (1998), Vol. 84, No. 1, pp. 37-48. | | |
| | AF | Post, et al., "Kv2.1 and electrically silent Kv6.1 potassium channel subunits combine and express a novel current," <i>FEBS Letters</i> (1996), Vol. 399, pp. 177-182. | | |
| | AG | Salinas, et al., "New Modulatory α Subunits for Mammalian Shab K ⁺ Channels," <i>The Journal of Biological Chemistry</i> (1997), Vol. 272, No. 39, pp. 24371-24379. | | |
| | AH | Maletic-Savatic, et al., "Differential Spatiotemporal Expression of K ⁺ Channel Polypeptides in Rat Hippocampal Neurons Developing <i>in situ</i> and <i>in vitro</i> ," <i>The Journal of Neuroscience</i> (1995), Vol. 15, No. 5, pp. 3840-3851. | | |
| | AI | Ottschyttsch, N. et al. Obligatory Heterotetramerization of Three Previously Uncharacterized Kv Channel Alpha-Subunits Identified in the Human Genome (June, 2002), <i>PNAS</i> , Vol. 99, NO: 12, pp 7986-7991. | | |
| | | Zhu, X-R. et al. Structural and Functional Characterization of Kv6.2, a New Gamma-Subunit of Voltage-Gated Potassium Channel, (1999), Vol. 6 (5), pp 337-350. | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|--|---|----|---|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | <i>Complete if Known</i> | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | Not yet assigned |
| (use as many sheets as necessary) | | | | Filing Date | Herewith |
| Sheet | 1 | of | 2 | First Named Inventor | Jegla, Timothy J. |
| | | | | Art Unit | Not yet assigned |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | 018512-001420US |

| | | | | | |
|-------------------------------|-----------------------|---|--------------------------------|--|---|
| U.S. PATENT DOCUMENTS+ | | | | | |
| Examiner Initials* | Cite No. ¹ | Document Number Number Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | AA | US-5,637,470 | 06/10/1997 | Kaczorowski et al. | |
| | AB | US-5,710,019 | 01/20/1998 | Li et al. | |

| | | | | | |
|---------------------------------|-----------------------|--|--------------------------------|--|--|
| FOREIGN PATENT DOCUMENTS | | | | | |
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | | | | T ⁶ |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.
60097157 v1